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CRUSTACEA

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CATALOGUE
OF
CRUSTACEA
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PART I.
LEUCOSIADÆ.

BY
THOMAS BELL, V.P.R.S., Pres. L.S., &c.

copy

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P R E F A C E.

THE principal object of the present Catalogue is to give a complete List of the Crustacea, with descriptions of all the genera and species known to exist, indicating at the same time, by a B.M. in the margin, those contained in the British Museum. When the specimen is not to be seen in that Collection, a reference is made to the Cabinet from whence the description was obtained.

For fuller descriptions and figures of the new genera and species in this Part of the Catalogue, the student is referred to the Twenty-first volume of the Transactions of the Linnean Society.

JOHN EDWARD GRAY.

1 December, 1855.

CATALOGUE

OF

CRUSTACEA.

Fam. LEUCOSIADÆ.

Genus 1. LEUCOSIA.

CHAR. GEN.—Testa ovato-orbicularis, subglobosa, lævis, polita; fronte subproducto, fossulas antennarias tegente. Orbita fissuris tribus. Fossæ antennariæ obliquæ, apertæ. Pedipalpi externi caule exteriori lateribus parallelis, recto vel subcurvo, apice obtuso; caule interiore acutè triangulari. Pedes antiqui crassiores, longitudine mediocres; brachiis ad basin et ad latera tuberculatis; digitis tenuibus subinflectis; pedum paria quatuor posteriora, a secundo ad quintum sensim breviora. Abdomen *Maris* in nonnullis speciebus segmentis omnibus, primo et ultimo exceptis, in aliis tertio cum quarto, et quinto cum sexto—*Fæminæ* a tertio ad sextum coalitis.

Leucosia, sp., *Fabr. Supp.* p. 352.

Leach, Zool. Misc. iii. p. 21.

Edw. Hist. Nat. Crust. ii. p. 121.

1. LEUCOSIA URANIA.

B.M.

Testâ subglobosâ, anticè productâ, frontè rotundato; brachiis triedris, suprâ ad basin tuberculis paucis; sinu thoracico usque ad latera regionis hepaticæ anticè attingente, granis suprâ marginato.

Rumph. t. 10. f. A, B.

Seba, iii. t. 19. f. 4, 5.

Cancer Urania, *Herbst*, iii. t. 53. f. 3.

Leucosia Urania, *Leach*, *Zool. Misc.* iii. p. 21.

Edw. Règ. Anim. de Cuv., *Crust.* t. 25. f. 2; *Hist. Nat. des Crust.* ii. p. 122.

Bell, *Trans. Linn. Soc.* xxi. p. 283.

Hab. Maria orientalia.

2. LEUCOSIA CRANIOLARIS.

B.M.

Testâ rhomboideâ, fronte tridentato; brachiis serie tuberculorum ad latera, et tuberculis duobus tantùm suprâ ad basin.

Cancer craniolaris, *Linn. Mus. Lud. Ulr.* p. 431.

Herbst, t. 2. f. 17.

Leucosia craniolaris, *Fabr. Supp.* p. 350.

Leach, *Zool. Misc.* iii. p. 21.

Edw. Hist. Nat. des Crust. ii. p. 122.

Bell, *Trans. Linn. Soc.* xxi. p. 283.

Hab. Ad oras maris orientalis.

3. LEUCOSIA OBTUSIFRONS.

B.M.

Fronte rotundato; sinu thoracico anticè circulari, tuberculis circumscripto; brachiis ad latera et ad basin tuberculatis; manibus longioribus quam latioribus, serie granulorum ad marginem interiorem.

Leucosia obtusifrons, *De Haan*, *Crust. Japon.* p. 133. t. 33. f. 2.

Bell, *Trans. Linn. Soc.* xxi. p. 284.

Hab. Ad ins. Japoniam.

4. LEUCOSIA UNIDENTATA.

B.M.

Fronte unidentato; sinu thoracico anticè circulari, tuberculis perlatis circumscripto; brachiis facie superiore seriebus binis tuberculorum.

Leucosia unidentata, *De Haan*, *Crust. Japon.* p. 133. t. 33. f. 3.

Bell, *Trans. Linn. Soc.* xxi. p. 284.

Hab. Japonia, ins. Moluccenses, &c.

5. LEUCOSIA RHOMBOIDALIS.

B.M.

Testâ rhomboidali, anticè productâ, multò longiore quam latiore; brachiis basi utrinque densè tomentosis, lateribus tuberculatis, suprâ plerumque lævibus.

Leucosia rhomboidalis, *De Haan*, *Crust. Japon.* p. 132. t. 33. f. 5.

Bell, *Trans. Linn. Soc.* xxi. p. 284.

Hab. — ?

6. LEUCOSIA LONGIFRONS.

B.M.

Testâ subglobosâ, fronte producto, integerrimo; sinu thoracico anticè elliptico, granis non cincto; brachiis lateribus tuberculatis et granulis paucis ad basin.

Leucosia longifrons, *De Haan, Crust. Japon.* p. 132. t. 33. f. 4.

Bell, Trans. Linn. Soc. xxi. p. 284.

Hab. —?

7. LEUCOSIA ORBICULARIS.

B.M.

Testâ orbiculari, fronte lato, brevissimo, bidentato; sinu thoracico nullo; sterno in utroque sexu anticè granulato.

Leucosia orbicularis, *Bell, Trans. Linn. Soc.* xxi. p. 284. t. 30. f. 1.

Hab. Ad oras Australiæ.

8. LEUCOSIA PALLIDA.

B.M.

Fronte tridentato, ultra orbitâ producto; sinu thoracico in sulco brevi profundo anticè terminato, granulis paucis supra insertionem pedum anteriorum; manibus utrinque subcarinatis omninò lævibus; digitis inermibus.

Leucosia pallida, *Bell, Trans. Linn. Soc.* xxi. p. 285. t. 30. f. 2.

Hab. In mari orientali.

9. LEUCOSIA OBSCURA.

B.M.

Testâ suborbiculari, rostro ultra orbitâ producto, minutè tridentato; sinu thoracico angustissimo; manibus longioribus quam latioribus, utrinque carinatis, non granulatis; digitis inermibus.

Leucosia obscura, *Bell, Trans. Linn. Soc.* xxi. p. 285. t. 30. f. 3.

Hab. Ad insulas Philippinas.

10. LEUCOSIA MARMOREA.

B.M.

Testâ longiore quàm latiore, maculis sex albidis; sinu thoracico anticè brevi, lineâ semicirculari granulata terminato; fronte minutè tridentato, dente medio longiore; brachiis ad basin et ad latera tuberculatis; manibus margine interno granulato, externo rotundato.

Leucosia marmorea, *Bell, Trans. Linn. Soc.* xxi. p. 286. t. 30. f. 4.

Hab. Ad insulas Philippinas.

11. LEUCOSIA PUNCTATA.

B.M.

Testâ impresso-punctatâ, fronte producto, subemarginato; brachiis suprâ omninò granulatis.

Leucosia punctata, *Bell, Trans. Linn. Soc.* xxi. p. 286. t. 30. f. 5.
Hab. In mari Indico.

12. LEUCOSIA AFFINIS.

Testâ anticè angustatâ, fronte valdè producto, subemarginato; manibus longioribus quam latioribus, utrinque carinatis; brachiis anticè tumidis, lævissimis, politis.

Leucosia affinis, *Bell, Trans. Linn. Soc.* xxi. p. 287. t. 30. f. 6.
Hab. Ad insulas Philippinas. ♂ Mus. Bell.

13. LEUCOSIA BREVIMANA.

Testâ subrhomboidali, fronte emarginato, margine laterali vix granulato; manibus æquè longis ac latis, internè subcarinatis, lævibus.

Leucosia brevimana, *Bell, Trans. Linn. Soc.* xxi. p. 288. t. 30. f. 7.
Hab. Ad insulas Philippinas. Mus. Bell.

14. LEUCOSIA MARGARITACEA.

B.M.

Testâ multò longiore quam latiore, lævissimâ, margaritaceâ; sinu thoracico margine lævi; brachiis suprâ tuberculis albis, rubro cinctis.

Leucosia margaritacea, *Bell, Trans. Linn. Soc.* xxi. p. 288. t. 30. f. 8.
Hab. In oceano orientali.

15. LEUCOSIA OCELLATA.

B.M.

Testâ rhomboidali, fronte tridentato; regione gastricâ maculis quatuor parvis rubris signatâ, quarum binæ anteriores ocellatæ.

Leucosia ocellata, *Bell, Trans. Linn. Soc.* xxi. p. 289. t. 31. f. 1.
Hab. Ad oras orientales Australiæ.

16. LEUCOSIA HÆMATOSTICTA.

B.M.

“Thorace trapezoidali, suprâ valdè convexo, post angulum latero-anteriorem incisurâ profundâ, maculis multis sanguineis rotundatis obsito.”

Leucosia hæmatosticta, *Adams & White, Zool. Voyage of the Samarang*, p. 54. t. 12. f. 2.

Bell, Trans. Linn. Soc. xxi. p. 289.

“*Hab.* Maria orientalia.”

17. LEUCOSIA WHITEI.

B.M.

Testâ rhomboideâ, fronte producto, minutè tridentato ; regionibus hepaticâ et branchiali granulis tribus vel quatuor ; brachiis tomentosis, tuberculis magnis omninò instructis.

Leucosia Whitei, *Bell, Trans. Linn. Soc.* xxi. p. 289. t. 31. f. 2.

Hab. Ad oras Australiæ.

18. LEUCOSIA CUMINGII.

B.M.

Testâ suborbiculari, margine lævi ; sinu thoracico incisurâ inter regiones hepaticam et branchialem anticè terminato ; regionibus branchialibus valdè tumidis.

Leucosia Cumingii, *Bell, Trans. Linn. Soc.* xxi. p. 290. t. 31. f. 3.

Hab. Ad insulas Philippinas.

19. LEUCOSIA PULCHELLA.

B.M.

Testâ æquè longâ ac latâ, margine laterali lævi, tenui, subreflexo ; brachiis suprâ et infrâ omninò tuberculatis ; pedipalpis externis anticè paulò angustatis.

Leucosia pulchella, *Bell, Trans. Linn. Soc.* xxi. p. 290. t. 31. f. 4.

Hab. In mari Sinensi.

20. LEUCOSIA PHYLLOCHEIRA.

B.M.

Manibus latioribus quam longioribus, utrinque lamellatis ; pedibus omnibus posterioribus articulo penultimo lato, compresso, utrinque carinato.

Leucosia phyllocheira, *Bell, Trans. Linn. Soc.* xxi. p. 291. t. 31. f. 5.

Hab. Ad insulam Borneo.

Genus 2. ILIA.

CHAR. GEN.—Testa subglobosa, posticè dentibus quatuor armata, quarum utrinque una compressa ad regionem intestinalem, et una conica ad branchialem ; fronte bifido. Orbita suprâ fissuris duabus. Pedipalpi externi caule exteriori recto, apice obtuso. Pedes antichi longissimi, graciles, manibus contortis, antrorsum angustatis.

Ilia, *Leach, Zool. Misc.* iii. p. 24.

Edw. Hist. Nat. Crust. ii. p. 123.

1. ILIA NUCLEUS.

B.M.

Testâ minutè confertè granulosâ, granulis majoribus distantibus instructâ.

Cancer Nucleus, *Linn. Syst. Nat.* 1042. 20.

Herbst, i. p. 87. t. 2. f. 14.

Leucosia Nucleus, *Fabr. Suppl.* p. 351.

Latr. Hist. Nat. Crust. vi. p. 116.

Ilia Nucleus, *Leach, Zool. Misc.* iii. p. 24.

Roux, Crust. de la Méditerr. t. 8. f. 1-8.

Edw. Règ. Anim. de Cuv., Crust. t. 25. f. 2; *Hist. Nat. Crust.* ii. p. 124.

Bell, Trans. Linn. Soc. xxi. p. 292.

Hab. Ad oras maris Mediterranei.

2. ILIA RUGULOSA.

Testâ glabrâ, sparsim granulosâ, anticè lævi.

Ilia rugulosa, *Roux, Crust. de la Méditerr.* t. 8. f. 9-12.

Edw. Hist. Nat. Crust. ii. p. 125.

Bell, Trans. Linn. Soc. xxi. p. 292.

Hab. Ad oras maris Mediterranei.

Genus 3. PERSEPHONA.

CHAR. GEN.—Testa ovalis vel orbicularis, depressa, dentibus tribus ad partem posteriorem armata, regionibus pterygostomianis angulatis. Orbita trifissa. Fossæ antennariæ transversæ. Pedipalpi externi caule exteriori paulo dilatato, sensim angustiore, ad apicem internè truncato. Pedes antici robusti, testâ haud bis longiores; reliqui articulis ultimo et penultimo compressis. Abdomen *Maris* segmentis a tertio ad quintum,—*Fæminæ* a quarto ad sextum coalitis.

Persephona, *Leach, Zool. Misc.* iii. p. 22.

Edw. Hist. Nat. Crust. ii. p. 136.

Ilia § 2, *Edw. Hist. Nat. Crust.* ii. p. 125.

Guaia, *Edw. Hist. Nat. Crust.* ii. p. 127.

1. PERSEPHONA GUAIA.

B.M.

Testâ ovatâ, sparsim tuberculatâ, angulo pterygostomiano obtusissimo, spinâ mediâ posticâ lateralibus paulò altiore.

Cancer punctatus, *Browne, Hist. Jamaica*, i. t. 42. f. 3.

Cancrejo tortuga, *Parra, Descrip. &c.* t. 51. f. 2.

Cancer Mediterraneus, *Herbst*, ii. t. 37. f. 2.

Persephona Latreillii, *Leach, Zool. Misc.* iii. p. 22.

Desmar. Cons. sur les Crust. p. 168.

Persephona Lamarckii, *Leach, Zool. Misc.* iii. p. 23.

Desmar. Crust. p. 168.

Guaia punctata, *Edw. Hist. Nat. Crust.* ii. p. 127.

Persephona Guaia, *Bell, Trans. Linn. Soc.* xxi. p. 292.

Hab. Ad insulas Antillas.

2. PERSEPHONA LICHTENSTEINII.

B.M.

Testâ orbiculari, angulo pterygostomiano in dente producto, margine laterali unidentato; spinis posticis æqualibus, medio cum lateralibus triangulum æquilateralem designante.

Persephona Lichtensteinii, *Leach, Zool. Misc.* iii. p. 22.

Bell, Trans. Linn. Soc. xxi. p. 293. t. 31. f. 6.

Hab. —?

3. PERSEPHONA ORBICULARIS.

Testâ orbiculari, angulo pterygostomiano in tuberculo abruptè producto; spinis posticis æqualibus, angulum ferè rectum designantibus.

Persephona orbicularis, *Bell, Trans. Linn. Soc.* xxi. p. 294. t. 31. f. 7.

Hab. Ad Valparaiso. Mus. Bell.

4. PERSEPHONA EDWARDSII.

Testâ suborbiculari, anticè subproductâ, angulo pterygostomiano obsoleto; spinâ posticâ mediâ lateralibus multò altiore, paulò longiore.

Persephona Edwardsii, *Bell, Trans. Linn. Soc.* xxi. p. 294. t. 31. f. 8.

Hab. Ad insulas Galapagos. Mus. Bell.

Genus 4. LEUCOSILIA.

CHAR. GEN.—Testa orbicularis, subglobosa, fronte dentibus binis divergentibus terminatâ; regione intestinali unidentatâ. Fossæ antennariæ obliquæ, e dentibus frontis excavatæ. Orbita fissuris tribus. Pedipalpi externi caule exteriori subcurvo apice obtuso. Pedes antichi robusti, longitudine mediocres. Abdomen *Maris* segmentis tertio, quarto, quinto coalitis, penultimo unidentato,—*Fœminæ* latè ovatum, valdè convexum.

Leucosilia, *Bell, Trans. Linn. Soc.* xxi. p. 295.

1. LEUCOSILIA JURINII.

B.M.

Guaia (Ilia) Jurinii, *Sauss.*Leucosilia Jurinii, *Bell, Trans. Linn. Soc. xxi. p. 295. t. 32. f. 1.**Hab.* Ad insulas Galapagos.

Genus 5. MYRA.

CHAR. GEN.—Testa ovato-globosa, posticè tridentata. Orbita fissuris tribus profundis. Fossæ antennariæ obliquæ. Pedipalpi externi caule exteriori ad marginem anteriorem dilatato. Pedes antici longissimi, graciles, manibus rectis. Abdomen *Maris* segmentis a tertio ad sextum,—*Fæminæ* a quarto ad sextum coalitis.

Myra, *Leach, Zool. Misc. iii. p. 24.**Edw. Hist. Nat. Crust. ii. p. 126.*

1. MYRA FUGAX.

B.M.

Testâ subglobosâ, in medio elevatâ, non carinatâ, spinâ posticâ mediâ lateralibus bis longiore, spinis lateralibus compressis.

? *Rumph. Mus. t. 10. f. C.*? *Browne, Jam. t. 42. f. 3.*?? *Cancer punctatus, Linn. Syst. Nat. p. 1054. 36.*? *Herbst, i. p. 89. t. 2. f. 15, 16.**Leucosia fugax, Fabr. Suppl. p. 351.**Myra fugax, Leach, Zool. Misc. iii. p. 24.**Edw. Hist. Nat. des Crust. ii. p. 126; Règ. Anim. Cuv., Crust. t. 25. f. 3.**De Haan, Crust. Japon. p. 134. t. 33. f. 1.**Bell, Trans. Linn. Soc. xxi. p. 296.**Hab.* In mari orientali.

2. MYRA AFFINIS.

B.M.

Testâ ovato-globosâ, spinis posticis brevibus, subæqualibus; pedibus anticis thorace vix his longioribus; manu digitis tertiâ parte longiore.

*Myra affinis, Bell, Trans. Linn. Soc. xxi. p. 296. t. 32. f. 2.**Hab.* Ad insulas Philippinas.





3. MYRA CARINATA.

B.M.

Testâ ovatâ, minutè granulâtâ, carinatâ; spinâ posticâ mediâ lateralibus ter quaterve longiore, lateralibus conicis, acutis.

?? Cancer punctatus, *Herbst*.

?? Ilia punctata, *Edw. Hist. Nat. Crust.* ii. p. 125.

Myra carinata, *Bell, Trans. Linn. Soc.* xxi. p. 297. t. 32. f. 3.

Hab. Ad insulas Philippinas.

4. MYRA ELEGANS.

B.M.

Testâ bis longiore quam latiore (spinâ posticâ non inclusâ), margine anteriore setoso.

Myra elegans, *Bell, Trans. Linn. Soc.* xxi. p. 297. t. 32. f. 4.

Hab. In mari orientali.

5. MYRA MAMMILLARIS.

B.M.

Testâ ovatâ, glabrâ, tuberculis parvis elevatis sparsim instructâ; dentibus posticis brevissimis, rotundatis.

Myra mammillaris, *Bell, Trans. Linn. Soc.* xxi. p. 298. t. 32. f. 5.

Hab. Ad oras Australiæ.

Genus 6. MYRODES.

CHAR. GEN.—Testa ovata, rostro emarginato terminata, posticè dentibus tribus, quarum media longior, armata. Orbita fissuris tribus, brevibus. Fossæ antennariæ ferè longitudinales. Pedipalpi externi caule exteriori subcurvo, haud dilatato. Pedes antici testâ vix longiores; manibus pyriformibus, haud longioribus quam latioribus; digitis tenuibus valdè elongatis, curvis, apice aduncis. Abdomen *Maris* triangulare, segmentis tertio ad sextum coalitis,—*Fæminæ* —?

Myrodes, *Bell, Trans. Linn. Soc.* xxi. p. 299.

1. MYRODES EUDACTYLUS.

B.M.

Myrodes eudactylus, *Bell, Trans. Linn. Soc.* xxi. p. 299. t. 32. f. 6.

Hab. Ad insulas Philippinas.

Genus 7. PHILYRA.

CHAR. GEN.—Testa orbicularis, depressa, inermis, fronte epistomate brevior. Fossæ antennariæ ferè transversales. Orbita suprâ aperta, trifissa. Pedipalpi externi caule exteriori

Iphiculus White ann & Mag

Iphiculus spongiosus White l-c.
Phil. Ind.

B.M.

dilatato. Pedes octo posteriores tarso compresso, lamelloso. Abdomen *Maris* hastato-lanceolatum,—*Fæminæ* articulo ultimo angusto valdè producto.

Leucosia, sp., *Fabr. Supp. Ent. Syst.* p. 349.

Philyra, *Leach, Zool. Misc.* iii.

Edw. Hist. Nat. Crust. ii. p. 131.

1. PHILYRA SCABRIUSCULA.

B.M.

Testâ depressâ, granuloso-scabrâ, fronte epistomate multò breviorè ; brachiis tuberculatis, manibus ad marginem interiorem lineis duabus granulatis.

Seba, iii. t. 19. f. 9, 10.

Leucosia scabriuscula, *Fabr. Supp. Ent. Syst.* p. 349.

Cancer cancellus?, *Latr. Hist. Nat. des Crust.* v. p. 116.

Herbst, i. p. 94. t. 2. f. 20.

Philyra scabriuscula, *Leach, Zool. Misc.* iii.

Desmar. Cons. Crust. p. 167.

Edw. Hist. Nat. Crust. ii. p. 132. t. 20. f. 9, 10.

Bell, Trans. Linn. Soc. xxi. p. 299.

Hab. In mari Indico.

2. PHILYRA GLOBULOSA.

B.M.

Testâ globosâ, lævi, margine laterali granulato ; fronte vix epistomate breviorè, brachiis granulatis.

Cancer globosus, *Fabr. Ent. Syst.* ii. p. 441.

? *Herbst*, i. p. 90.

Leucosia globulosa, *Fabr. Supp. Ent. Syst.* p. 349.

Latr. Hist. Nat. des Crust. vi. p. 117.

Lichtenstein, p. 141.

Philyra globulosa, *Leach, Zool. Misc.* iii.

Desmar. Cons. Crust. p. 168.

Edw. in Cuv. Règne Anim. t. 24. f. 4 ; *Hist. Nat. Crust.* ii. p. 132.

Bell, Trans. Linn. Soc. xxi. p. 300.

Hab. — ?

3. PHILYRA PORCELLANA.

Testâ globosâ, minutè punctatâ ; fronte epistomate parùm breviorè ; margine granulato ; brachiis cylindricis tuberculatis ; manibus inflatis, lævibus.

Seba, iii. t. 19. f. 9 & 19.

Cancer porcellanus, *Fabr. Ent. Syst.* ii. p. 441.

Herbst, i. p. 92. t. 2. f. 18.

Leucosia porcellana, *Fabr. Supp. Ent. Syst.* p. 350.

Latr. Hist. Nat. des Crust. iv. p. 117.

Philyra porcellana, *Edw. Hist. Nat. Crust.* ii. p. 133.

Bell, Trans. Linn. Soc. xxi. p. 300.

Hab. — ?

A specie præcedente anne distincta ?

4. PHILYRA PISUM.

“Fronte epistomate parùm brevior; regionibus pterygostomianis medio angulatis; thorace granulato; chelis in maribus thoracem dimidio superantibus; digitis in longitudinem 5 sulcatis, margine interno denticulatis.” Testæ longit. unc. 0·8.

Philyra Pisum, *De Haan, Crust. Japon.* p. 131. t. 33. f. 7.

Bell, Trans. Linn. Soc. xxi. p. 300.

Hab. Ad Japoniæ oras.

5. PHILYRA PLATYCHEIRA.

B.M.

“Parva; regionibus pterygostomianis medio angulatis; fronte epistomate parùm brevior; chelis in maribus thorace bis longioribus, digitis valdè depressis, lævibus, margine interno integerrimis.” Testæ longit. unc. 0·5.

Philyra platycheira, *De Haan, Crust. Japon.* p. 135. t. 33. f. 6.

Bell, Trans. Linn. Soc. xxi. p. 300.

Hab. Cum præcedente et ad insulas Philippinas. Mus. Bell.

6. PHILYRA LÆVIS.

B.M.

Testâ, corpore, pedibus omninò lævibus.

Philyra lævis, *Bell, Trans. Linn. Soc.* xxi. p. 300. t. 32. f. 7.

Hab. Ad Portum “Adelaide” Australiæ. 9 *Tasmania*

7. PHILYRA ADAMSII.

B.M.

Testâ glabrâ, regionibus partim et lineâ longitudinali granulatis; margine posteriore utrinque bituberculato. *an scabriuscula?*

Philyra Adamsii, *Bell, Trans. Linn. Soc.* xxi. p. 301. t. 33. f. 1.

Hab. — ? *Coast of Borneo (Adams)*

8. PHILYRA PUNCTATA.

B.M.

Testâ orbiculari, lævi, punctatâ; angulo pterygostomiano obsoleto; brachiis triquetris.

Philyra punctata, *Bell, Trans. Linn. Soc.* xxi. p. 301. t. 33. f. 2.

Hab. Ad oras Africae occidentalis. *meridionalis (Simon Bay)*

9. PHILYRA CARINATA.

B.M.

Testâ partim granulosa, inter regiones cardiacam et branchialem lævi, medio carinata; manibus lineis duabus granulosis.

Philyra carinata, *Bell, Trans. Linn. Soc. xxi. p. 302. t. 33. f. 3.*

Hab. Ad Insulam Borneo.

10. PHILYRA MACROPHTHALMA.

B.M.

Testâ ovata, minutissimè granulatâ; pedunculis oculorum elongatis; abdomine (maris) angusto, lineari.

Philyra macrophthalma, *Bell, Trans. Linn. Soc. xxi. p. 302. t. 33. f. 4.*

Hab. In mari Indico, ad ins. "Sooloo."

Genus 8. EBALIA.

CHAR. GEN.—Testa rhomboidalis vel subhexagona; fronte producto, emarginato. Orbita suprâ fissuris duabus. Fossæ antennariæ tectæ, obliquæ. Pedipalpi externi ad marginem epistomatis extendentes, caule exteriori margine externo recto, interiori acuminato. Pedes antici breves, crassi; posteriores sensim breviores, ungue forti, styliformi terminati. Abdomen *Maris* segmentis plurimis,—*Fæminæ* a tertio ad sextum confluentibus.

Ebalia, *Leach, Malac. Brit. t. 25.*

Edw. Hist. Nat. Crust. ii. p. 128.

1. EBALIA PENNANTII.

B.M.

Testâ granulatâ, eminentiâ longitudinali et transversali cruciformi; margine latero-anteriore bilobato; abdomine maris segmentis a tertio ad sextum confluentibus.

Cancer tuberosus, *Penn. Brit. Zool. iv. t. 9 a. f. 19.*

Ebalia Pennantii, *Leach, Malac. Brit. t. 25. f. 1-6.*

Edw. Hist. Nat. des Crust. ii. p. 129.

Bell, Brit. Crust. p. 141; Trans. Linn. Soc. xxi. p. 303.

Hab. Ad oras Britannicæ.

2. EBALIA BRYERI.

B.M.

Testâ minutè granulatâ; margine laterali integro, subrevoluto, posteriore bilobato; regione cardiacâ bituberculatâ, branchiali utrinque unituberculatâ; branchio haud bis longiore quam

latiore. Abdomen *Maris* segmentis a tertio ad quintum,—*Fæminæ* a tertio ad quartum coalitis.

Cancer tumefactus, *Mont. Trans. Linn. Soc.* ix. p. 86. t. 2. f. 3.
Ebalia Bryerii, *Leach, Malac. Brit.* t. 25. f. 12, 13.

Bell, Brit. Crust. p. 145; *Trans. Linn. Soc.* xxi. p. 303.

Ebalia Brayerii, *Edw. Hist. Nat. des Crust.* ii. p. 129.

Hab. Ad oras Britanniae australes.

3. EBALIA CRANCHII.

B.M.

Testâ granulatâ, carinatâ, tuberculis quinque; margine latero-anteriore ferè integro; brachio ter longiore quam latiore.

Ebalia Cranchii, *Leach, Malac. Brit.* t. 25. f. 7–11.

Edw. Hist. Nat. des Crust. p. 129.

Bell, Brit. Crust. p. 148; *Trans. Linn. Soc.* xxi. p. 303.

Hab. Ad oras Britanniae rarissimè.

4. EBALIA GRANULOSA.

B.M.

Testâ granulatâ, tuberculis sex; margine latero-anteriore bilobo.

Ebalia granulosa, *Edw. Hist. Nat. des Crust.* p. 130.

Bell, Trans. Linn. Soc. xxi. p. 303. t. 33. f. 5.

Hab. Ad insulam Corcyram.

Genus 9. PHLYXIA.

CHAR. GEN.—Testa rhomboidea, tuberculis tribus posticè instructa. Orbita suprâ emarginata, fissuris duabus. Fossæ antennariæ cum orbitis communicantes. Antennulæ elongatæ. Pedipalpi externi caule exteriori lato, margine externo curvo, anticè angustato; caule interiori segmento penultimo lateribus parallelis, ultimo triangulari. Abdomen in utroque sexu segmentis a tertio ad sextum coalitis.

Phlyxia, *Bell, Trans. Linn. Soc.* xxi. p. 304.

1. PHLYXIA CRASSIPES.

B.M.

Testâ subcarinatâ, rostro quadrato, quadridentato; pedibus anticis testâ plus quam duplo longioribus; brachiis rotundis medio tumescentibus.

Phlyxia crassipes, *Bell, Trans. Linn. Soc.* xxi. p. 304. t. 34. f. 2.

Hab. Ad oras Australiae orientales. (*Pat Jackson*)

2. PHLYXIA LAMBRIFORMIS.

B.M.

Testâ carinatâ, rostro triangulari emarginato, margine latero-anteriore inciso, latero-posteriore acutè carinato.

Phlyxia lambriformis, *Bell, Trans. Linn. Soc.* xxi. p. 304. t. 34. f. 1.

Hab. Ad oras Australiae orientales.

3. PHLYXIA LÆVIS.

B.M.

Brachiis triedris; testâ lævi, margine laterali unidentato.

Phlyxia lævis, *Bell, Trans. Linn. Soc.* xxi. p. 305. t. 34. f. 3.

Hab. Ad Novam Zeelandiam.

It may be considered perhaps as osculant between this genus and *Ebalia*.

Genus 10. LITHADIA.

Testa rhomboidea, rudis, regionibus gibbosis, rostro bifido, resupinato terminata. Orbita suprâ et extrorsum aperta. Fossæ antennariæ obliquæ. Pedipalpi externi caule exteriorè ensiformi, anticè obtuso; interiorè lanceolato, exteriorè longiore. Pedes antichi robusti, rudes; brachiis tuberculatis, ad marginem exteriorè cristatis; manibus cristatis, digitis approximatis. Abdomen *Maris* segmentis tertio, quarto et quinto coalitis; *Fæminæ* —?

Lithadia, *Bell, Trans. Linn. Soc.* xxi. p. 305.

1. LITHADIA CUMINGII.

Lithadia Cumingii, *Bell, Trans. Linn. Soc.* xxi. p. 305. t. 33. f. 6, 7.

Hab. Ad oras Americæ centralis (Puerto Portrero). Mus. Bell.

Genus 11. OREOPHORUS.

CHAR. GEN.—Testa tuberosa, posticè supra pedes dilatata. Fossæ antennariæ obliquæ. Pedipalpi externi caule exteriorè arcuato, apicem versus sensim angustiore. Pedes anteriores longi, robusti; octo posteriores subæquales, sub scuto dorsali reconditi. Abdomen *Maris*?—*Fæminæ* latè ovatum, segmentis a tertio ad sextum coalitis.

Oreophorus, *Rüppell, Krab. der Roth. Meer.* p. 19.

Edw. Hist. Nat. Crust. ii. p. 130.



1. OREOPHORUS HORRIDUS.

Testâ subtriangulatâ, regionibus branchialibus fortitè et obliquè carinatis; chelis mediocribus, manu digitis longiore.

Oreophorus horridus, Rüppell, *Krab. der Roth. Meer.* p. 19. t. 4. f. 5.

Edw. Hist. Nat. Crust. ii. p. 131.

Bell, Trans. Linn. Soc. xxi. p. 306.

Hab. In mari Rubro.

2. OREOPHORUS RETICULATUS.

B.M.

Testâ subpentagonâ, reticulatâ; digitis maximis, manu bis longioribus.

Oreophorus reticulatus, Adams & White, *Crust. Voy. of the Samarang*, p. 54. t. 6. f. 1.

Bell, Trans. Linn. Soc. xxi. p. 307.

Hab. In mari orientali.

3. OREOPHORUS NODOSUS.

Bell Trans L.S. xxi p. 307.
O. tenerimus White. Proc Zool Soc. B.M.

Testâ nodosâ, margine undato; manu tumidâ, ad margines carinatâ, bisulcatâ, digitis longiore.

Hab. —?

Cayenne?

Genus 12. NURSIA.

CHAR. GEN.—Testa polyhedra, fronte producto. Orbita extorsum aperta. Fossæ antennariæ transversæ. Pedipalpi externi caule exteriori curvo, dilatato, anticè et posticè obtuso; caule interiori margine interno recto, articulo penultimo quadrato, ultimo triangulari. Pedes antici digitis deflexis. Abdomen *Maris* articulo penultimo apicem prope processu dentiformi instructum.

Nursia, Leach, *Zool. Misc.* iii. p. 20.

Edw. Hist. Nat. Crust. ii. p. 137.

1. NURSIA PLICATA.

B.M.

Testâ utrinque 4-dentatâ, medio tuberculis tribus triangulum delineantibus, posticè lineâ elevatâ transversâ tuberculum gerente, fronte 4-dentato.

Cancer plicatus, Herbst, iii. no. 253. t. 59. f. 2.

Nursia Hardwickii, Leach, *Zool. Misc.* iii. p. 20.

Edw. Hist. Nat. Crust. ii. p. 137.

Nursia plicata, Bell, *Trans. Linn. Soc.* xxi. p. 307. t. 34. f. 4.

Hab. In oceano Indico.

2. NURSIA ABBREVIATA.

B.M.

Testâ orbiculari, margine undato, lineâ elevatâ longitudinali, alterâ transversali decussatâ; fronte integro.

Nursia abbreviata, *Bell, Trans. Linn. Soc. xxi. p. 308. t. 34. f. 5.*

Hab. In oceano Indico. *Moreton Bay (australi)*

Genus 13. NURSILIA.

CHAR. GEN.—Testa latior quam longior, margine polygono, fronte producto. Orbita bifissa, extrorsum aperta. Fossæ antennariæ obliquæ. Pedipalpi externi epistomati superantes, caule exteriori curvo, medio dilatato; interiori elongato, margine interno arcuato. Pedes antici graciles, manu tumidâ, digitis curvis dentatis manu longioribus. Abdomen *Maris* —?—*Fæminæ* valdè convexum, articulo ultimo inter bases pedipalporum externorum producto.

Nursilia, *Bell, Trans. Linn. Soc. xxi. p. 309.*

1. NURSILIA DENTATA.

B.M.

Nursilia dentata, *Bell, Trans. Linn. Soc. xxi. p. 309. t. 34. f. 6.*

Hab. In oceano Indico.

Genus 14. ARCANIA.

CHAR. GEN.—Testa globulosa, spinis seu tuberculis elevatis plurimis armata. Orbita suprâ et extrorsum aperta. Fossæ antennariæ longitudinales. Pedipalpi externi caule exteriori recto, lineari, apice interiori emarginato-truncato; caule interiori gradatim acuminato. Pedes antici gracillimi. Abdomen *Maris* lanceolatum, segmentis a tertio ad sextum vel ad quintum coalitis.

Arcania, *Leach, Zool. Misc. iii. p. 24.*

Edw. Hist. Nat. Crust. ii. p. 133.

1. ARCANIA ERINACEUS.

B.M.

Corpore atque membris densè spinosis, spinis spinulosis.

Cancer Erinaceus, *Herbst, t. 20. f. 111.*

Leucosia Erinaceus, *Fabr. Suppl. p. 352.*

Arcania Erinaceus, *Leach, Zool. Misc. iii. p. 24.*

Edw. Crust. ii. p. 134.

Bell, Trans. Linn. Soc. xxi. p. 309.

Hab. In mari Indico.

Ilos White

Ilos muriger, white
Eastern Seas

B.M.

2. ARCANIA UNDECIM-SPINOSA.

“Thorace spinuloso, spinulis obtusis, ambitu 11-spinoso, spinis acutis simplicibus; brachiis granulatis, digitis manibus longioribus.”

De Haan, Crust. Japon. p. 135. t. 33. f. 8.

Arcania undecim-spinosa, Bell, Trans. Linn. Soc. xxi. p. 309.

Hab. In Japoniâ.

3. ARCANIA NOVEM-SPINOSA.

B.M.

“Thorace lævi, granuloso, marginibus latero-anterioribus spinis duabus, latero-posterioribus spinis duabus, posteriore spinâ longâ rectâ.”

Iphis novem-spinosa, Adams & White, Crust. of the Voyage of the Samarang, p. 56. t. 13. f. 1.

Arcania novem-spinosa, Bell, Trans. Linn. Soc. xxi. p. 309.

Hab. — ? Philippine Isl. (Mindoro)

4. ARCANIA SEPTEM-SPINOSA.

B.M.

Testâ globulosâ, paulò latiore quam longiore, tuberculatâ, spinis septem tuberculatis armatâ, laterali utrinque reliquis longiore.

Arcania septem-spinosa, Bell, Trans. Linn. Soc. xxi. p. 310. t. 34. f. 7.

Hab. — ?

5. ARCANIA TUBERCULATA.

B.M.

Testâ paulò longiore quam latiore, omninò tuberculatâ, margine spinis novem tuberculatis instructo; brachiis granulatis, manibus lævibus.

Arcania tuberculata, Bell, Trans. Linn. Soc. xxi. p. 310. t. 34. f. 8.

Hab. Ad ins. Borneo.

6. ARCANIA GRACILIPES.

B.M.

Testâ granulosa, tuberculis quindecim suprâ, et tribus ad marginem posteriorem instructâ; pedibus anticis tenuissimis.

Arcania gracilipes, Bell, Trans. Linn. Soc. xxi. p. 310. t. 34. f. 9.

Hab. Ad ins. Borneo.

7. *ARCANIA LÆVIMANA*.

B.M.

Testâ granulatâ, tuberculis numerosis distinctis, ad marginem spinis novem simplicibus armatâ; manibus glabris.

Arcania lævimana, *Bell, Trans. Linn. Soc. xxi. p. 310. t. 34. f. 10.*

Hab. Ad insulas Philippinas.

Genus 15. *IPHIS*.

CHAR. GEN.—Testa rhomboidalis, transversa, angulis rotundatis, utrinque spinâ longissimâ horizontali armata, fronte emarginato. Orbita aperta, bifissa. Antennulæ ferè longitudinaliter inflexæ. Pedipalpi externi caule interiore sublineari, anticè paulò angustiore. Pedes filiformes, graciles.

Iphis, *Leach, Zool. Misc. iii. p. 25.*

Edw. Hist. Nat. Crust. ii. p. 138.

1. *IPHIS SEPTEM-SPINOSA*.

B.M.

Cancer septem-spinosus, *Fabr. Mantissa, i. p. 325.*

Herbst, i. t. 20. f. 112.

Leucosia septem-spinosa, *Fabr. Suppl. p. 351.*

Iphis septem-spinosa, *Leach, Zool. Misc. iii. p. 25.*

Edw. Hist. Nat. Crust. ii. p. 139.

Bell, Trans. Linn. Soc. xxi. p. 311.

Hab. — ?

Iphis novem-spinosa of Adams and White is referred to the genus *Arcania*.

2. “*IPHIS LONGIPES*.”

“Carapax parcè granulatus, suborbicularis, non latior quam longus [longior], armatus spinis duabus longissimis lateralibus latitudine carapacis vix brevioribus (unâ in latere utroque) et duabus minutis antero-lateralibus, duabus parvulis postero-lateralibus, et unâ posticâ corporis dimidium longitudine ferè æquante. Frons bilobatus parcè prominens. Pedes 8 postici prælongi.”

Iphis longipes, *Dana, Crust. U. S. Explor. Exped. p. 396. t. 25. f. 4.*

Bell, Trans. Linn. Soc. xxi. p. 312.

“Taken from the stomach of a *Tetraodon*, among the reefs of Viti Lebu, Feejee Islands.”

Genus 16. IXA.

CHAR. GEN.—Testa elliptico-rhomboidalis, processu utrinque subcylindrico à regione branchiali producto ; regionibus sulco profundo separatis. Orbita suprà bifissa. Pedipalpi externi caule exteriori lato, obtuso, interiori longiore. Pedes omnes filiformes, tenues. Abdomen *Fæminæ* articulo ultimo usque ad oris aperturam producto.

Ixa, *Leach*, *Trans. Linn. Soc.* xi. p. 334.

Edw. Hist. Nat. Crust. ii. p. 134.

1. IXA CYLINDRUS.

B.M.

Cancer Cylindrus, *Fabr. Mantissa*, 251.

Herbst, i. p. 108. t. 2. f. 29, 30, 31.

Leucosia Cylindrus, *Fabr. Suppl.* 352.

Latr. Hist. Nat. Crust. vi. p. 119.

Licht. Berl. Mag. 1815, p. 143.

Ixa Cylindrus, *Leach*, *Trans. Linn. Soc.* xi. p. 334.

Bell, *Trans. Linn. Soc.* xxi. p. 311.

Ixa canaliculata, *Leach*, *Zool. Misc.* iii. p. 26. t. 129. f. 1.

Edw. Règ. Anim. Cuv., *Crust.* t. 24. f. 1 ; *id. Hist. Nat.*

Crust. ii. p. 135.

Ixa megaspis, *Adams & White*, *Voyage of the Samarang*, *Crust.* p. 55. t. 12. f. 1.

(Senior.)

B.M.

Ixa inermis, *Leach*, *Zool. Misc.* iii. t. 129. f. 2.

Edw. Hist. Nat. Crust. ii. p. 135.

Hab. In mari Indico.

Obs. A careful examination of all the specimens of this genus to which I have access, amounting to about twelve, has led me to conclude that they all belong to one species. The variations which exist between any two of them are nearly as great as those which have given rise to the establishment of a distinct specific name in the case of *I. megaspis* of Messrs. Adams and White. I possess two specimens which were obtained by Mr. Hinds, which differ so much from others, that until I had carefully examined the whole of those I have alluded to, I had provisionally given them a distinct specific name. The form and size of the lateral process vary considerably. In some it is cylindrical, in others it is somewhat conical ; in some it is either direct or even bent slightly backwards, in others the apex is turned forward ; in some there is a filiform appendage at its apex, in others there

is not a vestige of this armature. The degree of granulation of the different parts also varies.

With respect to *I. inermis* of Leach, I see no difference but what might be supposed to depend upon great age; and the distinction is really less on examining the actual specimens, than appears to be the case from merely a comparison of the figures. Under these circumstances, I have ventured to give the references to the three supposed species, as synonyms of the old *Cancer Cyllindrus* of Fabricius.

Genus 17. NUCIA.

“Carapax parcè transversus, anticè non productus, latere non dilatatus, inermis, superficie paulò tuberculatus, fronte bilobatus et non saliens. Oculi paulò remoti, grandiores, marginales. Area buccalis benè triangulata. Maxillipedis externi articulus 3tius triangulatus; palpus angustus, extùs rectus. Pedes toti breves, et crassi, digiti in plano subverticali claudente, eodem cum manus articulatione.”

Nucia, *Dana, Crust. U. S. Explor. Exped.* p. 397.

1. NUCIA SPECIOSA.

Nucia speciosa, *Dana, Crust. U. S. Explor. Exped.* p. 397. t. 25. f. 5.

Hab. — ?

THE END.

